

CLAIMS

1. A recording medium comprising:
 - a video stream; and
 - 5 copy control information, wherein
 - the video stream contains video composed of a plurality of frame images, and
 - the copy control information defines different restrictions on recording of a video signal that is converted
 - 10 from the frame images, the restrictions differing depending on whether the video signal is output with or without addition of supplemental information.
2. The recording medium according to Claim 1, further
15 comprising:
 - a graphics stream, wherein
 - the supplemental information is graphics obtained by decoding the graphics stream.
- 20 3. The recording medium according to Claim 2, wherein
 - the graphics stream includes:
 - graphics data composed of a sequence of pixel codes each representing a character string or a figure; and
 - pallet data indicating pixel codes each associated
 - 25 with a pair composed of a pixel value and a transparency value.
4. The recording medium according to Claim 1, further

comprising:

locator information specifying an address on a network,
wherein

the supplemental information is obtained by decoding
5 a supplemental information stream supplied from a server
located at the address specified by the locator information.

5. The recording medium according to Claim 1, further
comprising:

10 a supplemental information stream; and
multi-path information binding the supplemental
information stream to a section of the video stream, wherein
the supplemental information is obtained by decoding
the supplemental information stream.

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6. A playback device for executing playback of video composed
of a plurality of frame images, comprising:

a read unit operable to read a video stream from a
recording medium;

20 a frame memory;

a video decoder operable to decode the video stream
so as to sequentially obtain and write the frame images
on the frame memory;

an output unit operable to generate a video signal
25 from the frame images sequentially written on the frame
memory and output the video signal;

an output control unit operable, in accordance with
a user operation, to cause the output unit to output the

video signal with addition of the supplemental information;
and

an assigning unit operable to assign, to the video
signal added with the supplemental information, copy
5 control information defining a less strict restriction as
compared with copy control information to be assigned to
the video signal output without addition of the supplemental
information.

10 7. The playback device according to Claim 6, wherein
the copy control information indicate one of a Copy
Free status, an Only One Copy status, and an Never Copy
status, and

restrictions imposed by the respective statuses in
15 an increasing order are the Copy Free status, the Only One
Copy status, and the Never Copy.

8. The playback device according to Claim 6, wherein
the recording medium is a portable recording medium,
20 the playback device further comprises:
a built-in recording medium storing a supplemental
information stream,

the read unit is further operable to read the
supplemental information stream from the built-in recording
25 medium,

the playback device further comprises:
a supplemental information decoder operable to decode
the supplemental information stream, and

the supplemental information is an image obtained by decoding the supplemental information stream.

9. The playback device according to Claim 8, wherein

5 the built-in recording medium stores multi-path information binding the supplemental information stream to a section of the video stream on the portable medium, and

the output of the video signal with addition of the
10 supplemental information by the output control unit is performed when a current playback point reaches the section.

10. The playback device according to Claim 9, wherein

the multi-path information binds the supplemental
15 information stream to the plurality of sections of the video stream.

11. The playback device according to Claim 6, wherein

the recording medium stores locator information
20 specifying an address on a network,

the playback device further comprises:

a download unit operable to download a supplemental information stream from a server located at the address specified by the locator information; and

25 a supplemental information decoder operable to decode the supplemental information stream downloaded, and

the supplemental information is an image obtained by decoding the supplemental information stream.

12. The playback device according to Claim 11, wherein
the download unit is operable to transmit a medium
identifier to the server when accessing the server, and
5 receive copy control information encrypted using the medium
identifier from the server, and

the copy control information assigned by the assigning
unit is obtained by decrypting the encrypted copy control
information using the medium identifier.

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13. The playback device according to Claim 12, wherein
the download unit is operable to transmit a maker
identifier or a model number of the playback device to the
server when accessing the server.

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14. A program for causing a computer to execute playback
of video composed of a plurality of frame images, comprising
code operable to cause the computer to perform:

20 a reading step of reading a video stream from a recording
medium;

a decoding step of decoding the video stream so as
to sequentially obtain and write the frame images on a frame
memory of the computer;

25 an output step of generating a video signal from the
frame images sequentially written on the frame memory and
outputting the video signal;

an output control step of controlling the output step
so that the video signal is caused, in accordance with a

user operation, to be output with addition of the supplemental information; and

an assigning step of assigning, to the video signal added with the supplemental information, copy control information defining a less strict restriction as compared with copy control information to be assigned to the video signal output without addition of the supplemental information.

10 15. A playback method for executing playback of video composed of a plurality of frame images; comprising:

a reading step of reading a video stream from a recording medium;

15 a decoding step of decoding the video stream so as to sequentially obtain and write the frame images on a frame memory of a computer;

an output step of generating a video signal from the frame images sequentially written on the frame memory and outputting the video signal;

20 an output control step of controlling the output step so that the video signal is caused, in accordance with a user operation, to be output with addition of the supplemental information; and

25 an assigning step of assigning, to the video signal added with the supplemental information, copy control information defining a less strict restriction as compared with copy control information to be assigned to the video signal output without addition of the supplemental

.information.